



OPEN FILE REPORT 79-1394
PLATE 4 OF 22

EXPLANATION

————— 5 —————
————— 6 —————

ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. Isopach interval 1 foot.

————— 7500 —————
————— 7400 —————

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 100 feet; long dashed where vertical accuracy possibly not within 100 feet. Contour interval 100 feet (31 m) for the MG[5] and MG[3] beds; 200 feet (61 m) for the MG[20] and LGD[1] beds. Datum is mean sea level.

○ 7620
8.0

DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet.

▲ 7330
6.8

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Includes all points of measurement other than drill holes.

UGM[33] - Upper Coal Group, zone M, coal bed [33]
MG[20] - Middle Coal Group, coal bed [20]
MG[5] - Middle Coal Group, zone G, coal bed [5]
MGF[3] - Middle Coal Group, zone F, coal bed [3]
LGD[1] - Lower Coal Group, zone D, coal bed [1]

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

—————▲ MGF[3] —————

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where projected by present authors.

-----▲15°-----

SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve base tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.

—————+—————

TRACE OF AXIAL PLANE OF ASYMMETRIC SYNCLINE - Short arrow indicates steeper limb.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1971

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN
MN
1°34' 28 MILS
140°
298 MILS

SCALE 1:24,000

0 1000 2000 3000 4000 5000 6000 7000 FEET

0 1 2 3 4 5 6 7 8 9 10 KILOMETER

QUADRANGLE LOCATION

COLORADO

COAL RESOURCE OCCURRENCE MAP OF THE PAGODA
QUADRANGLE, ROUTT AND MOFFAT COUNTIES, COLORADO
BY
DAMES & MOORE
1979

PLATE 4

ISOPACH AND STRUCTURE CONTOUR MAP OF THE LOWER COAL GROUP, ZONE D, COAL BED [1]; MIDDLE COAL GROUP, ZONE F, COAL BED [3]; MIDDLE COAL GROUP, ZONE G, COAL BED [5]; MIDDLE COAL GROUP, COAL BED [20]; UPPER COAL GROUP, ZONE M, COAL BED [33]